

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.
132441

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHODS AND APPARATUS FOR COOLING GAS TURBINE ENGINE ROTOR ASSEMBLIES**, the specification of which:

(check one)

☒
☐

is attached hereto.

was filed on _____ as Application Serial No. _____,

and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

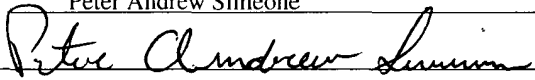
____ Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

DECLARATION AND POWER OF ATTORNEY	Attorney Docket No. 132441
-----------------------------------	-------------------------------

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. <i>(list name and registration number)</i> Customer Number: 29399	
Send Correspondence to: John S. Beulick Armstrong Teasdale LLP One Metropolitan Square, Suite 2600 St. Louis, MO 63102	Direct Telephone Calls To: John S. Beulick 314-621-5070

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

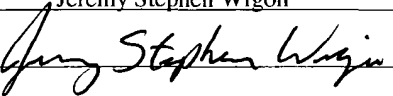
SOLE OR FIRST INVENTOR:

Full Name: Peter Andrew Simeone
 Signature:  Date: August 26, 2003
 Residence: 2 Oak Terrace, Byfield, Massachusetts 01922
 Citizenship: USA
 Post Office Address: Same as above

SECOND JOINT INVENTOR, IF ANY:

Full Name: Dean Thomas Lenahan
 Signature: _____ Date: _____
 Residence: 9238 Hopewell Road, Cincinnati, Ohio 45242
 Citizenship: USA
 Post Office Address: Same as above

THIRD JOINT INVENTOR, IF ANY:

Full Name: Jeremy Stephen Wigon
 Signature:  Date: Aug 28, 2003
 Residence: 11 Shaw Road, Chestnut Hill, Massachusetts 02467
 Citizenship: USA
 Post Office Address: Same as above

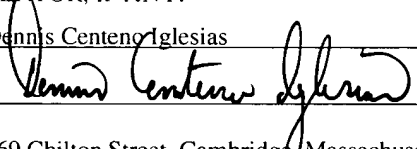
DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.
132441

FOURTH JOINT INVENTOR, IF ANY:

Full Name: Alan Patrick St. HilaireSignature:  Date: 8/26/03Residence: 20 Saint Hilaire Avenue, Danvers, Massachusetts 01923Citizenship: USAPost Office Address: Same as above

FIFTH JOINT INVENTOR, IF ANY:

Full Name: Dennis Centeno IglesiasSignature:  Date: 2003.08.28Residence: 169 Chilton Street, Cambridge, Massachusetts 02138-1226Citizenship: USAPost Office Address: Same as above

SIXTH JOINT INVENTOR, IF ANY:

Full Name: James Patrick McGovernSignature:  Date: 8/26/03Residence: 100 Village Street, Marblehead, Massachusetts 01945Citizenship: USAPost Office Address: Same as above

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.
132441

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHODS AND APPARATUS FOR COOLING GAS TURBINE ENGINE ROTOR ASSEMBLIES**, the specification of which:

(check one) ☒ is attached hereto.
☐ was filed on _____ as Application Serial No. _____,
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 (a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below, and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	CERTIFIED COPY ATTACHED
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No
				<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. PARENT APPLICATION OR PCT PARENT NUMBER	PARENT FILING DATE (day, month, year)	STATUS (patent and number, pending, abandoned)

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER(S)	FILING DATE (day, month, year)

_____ Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

DECLARATION AND POWER OF ATTORNEY	Attorney Docket No. 132441
-----------------------------------	-------------------------------

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Customer Number: 29399

Send Correspondence to:
John S. Beulick
Armstrong Teasdale LLP
One Metropolitan Square, Suite 2600
St. Louis, MO 63102

Direct Telephone Calls To:

John S. Beulick
314-621-5070

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

SOLE OR FIRST INVENTOR:

Full Name: Peter Andrew Simeone

Signature: _____ Date: _____

Residence: 2 Oak Terrace, Byfield, Massachusetts 01922

Citizenship: USA

Post Office Address: Same as above

SECOND JOINT INVENTOR, IF ANY:

Full Name: Dean Thomas Lenahan

Signature: Dean Thomas Lenahan Date: Sept 2, 2003

Residence: 9238 Hopewell Road, Cincinnati, Ohio 45242

Citizenship: USA

Post Office Address: Same as above

THIRD JOINT INVENTOR, IF ANY:

Full Name: Jeremy Stephen Wigon

Signature: _____ Date: _____

Residence: 11 Shaw Road, Chestnut Hill, Massachusetts 02467

Citizenship: USA

Post Office Address: Same as above

DECLARATION AND POWER OF ATTORNEY

Attorney Docket No.
132441

FOURTH JOINT INVENTOR, IF ANY:

Full Name: Alan Patrick St. Hilaire

Signature: _____ Date: _____

Residence: 20 Saint Hilaire Avenue, Danvers, Massachusetts 01923

Citizenship: USA

Post Office Address: Same as above

FIFTH JOINT INVENTOR, IF ANY:

Full Name: Dennis Centeno Iglesias

Signature: _____ Date: _____

Residence: 169 Chilton Street, Cambridge, Massachusetts 02138-1226

Citizenship: USA

Post Office Address: Same as above

SIXTH JOINT INVENTOR, IF ANY:

Full Name: James Patrick McGovern

Signature: _____ Date: _____

Residence: 100 Village Street, Marblehead, Massachusetts 01945

Citizenship: USA

Post Office Address: Same as above